

Appl. No. 10/781,613
Atty. Docket No. CM2603CQ
Amdt. dated June 10, 2005
Reply to Office Action of March 11, 2005
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A loop member (100) for a mechanical fastener comprising a nonwoven web (105), said nonwoven web (105) having a pattern of intersecting bond lines (110), said pattern comprising a first plurality of non-intersecting continuous bond lines (120) and a second plurality of non-intersecting continuous bond lines (130), each non-intersecting continuous bond line of said first plurality intersecting each non-intersecting continuous bond line of said second plurality, said pattern of intersecting bond lines (110) defining unbonded pattern elements (140), each of said pattern elements (140) being at least partially bounded by a non-linear segment (150) of one of said bond lines (120, 130), wherein said pattern includes at least 3.2 pattern elements per square centimeter.

Claim 2 (original): The loop member (100) of Claim 1 wherein said pattern elements (140) define a tessellating pattern.

Claim 3 (original): The loop member (100) of Claim 1 wherein each bond line in said first plurality of non-intersecting continuous bond lines (120) is disposed at a constant equal distance from adjacent bond lines.

Claim 4 (original): The loop member (100) of Claim 1 wherein each bond line in said first plurality of non-intersecting continuous bond lines (120) defines a wave pattern.

Claim 5 (original): The loop member (100) of Claim 1, wherein each bond line in said first plurality of non-intersecting continuous bond lines (120) defines a wave pattern and adjacent bond lines are 180 degrees out of phase.

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Claim 6 (original): The loop member (100) of Claim 5, wherein each bond line in said second plurality of non-intersecting continuous bond lines (130) defines a wave pattern and adjacent bond lines are 180 degrees out of phase.

Claim 7 (original): The loop member (100) of Claim 1, wherein said nonwoven web (105) is chosen from the group consisting of: spunbond webs, meltblown webs, carded webs, and hydroentangled webs.

Claim 8 (original): The loop member (100) of Claim 1, wherein said nonwoven web (105) is bonded to a backing member.

Claim 9 (original): The loop member (100) of Claim 6, wherein said backing member is elastomeric, and said nonwoven web (105) is shirred.

Claim 10 (currently amended): A bond pattern (110) for a nonwoven web suitable for use as a loop member (100) of a mechanical fastener, the bond pattern (110) comprising intersecting bond lines (120, 130) having a uniform width and defining a number of bond pattern elements (140) per unit area, wherein at least one of the bond lines (120, 130) is nonlinear, and wherein the ratio of contour to overall bonded area of the bond pattern is greater than a bond pattern comprising all straight lines having the same uniform line width and defining the same number of bond pattern elements per unit area, wherein said pattern includes at least 3.2 pattern elements per square centimeter.

Claim 11 (original): The bond pattern of Claim 8, wherein each of said bond lines (120, 130) is nonlinear.

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Claim 12 (original): The bond pattern of Claim 9, wherein said pattern (110) is a tessellating pattern.